



* All programs formatted for 32K. Change line 25000 for other SZ *

1. CF = LARGE; GOTO 900; .PROG. B-11 / APRIL 83 S. KENDALL /
WILMETTE, IL
2. MORE LINE ART [TO ARCADIAN 4/83]
3. FOR AB, AB, EB
4. SZ = 65 [AB, AB ONLY]
5. BC = RND(257); EC = BC + RND(3) + 2; RETN
6. FOR C = 1 TO 200; NEXT C; RETN
7. FOR E = 1 TO 200; NEXT E; RETN
8. EC = RND(33) * 8 + RND(3) + 3; RETN

900 CLR; Z = 3; U = 9; GOTO 1404
910 CY = 20; PRINT "***** PROG. OF LINE ART B-11
918 PRINT "***** TR(2) FOR NEW DESIGN
919 PRINT " 24 "
920 IF TR(2) GOTO 960
930 GOTO 920
960 CLR; BC = 0; GOSUB 8
964 NT = 2; CY = -40; CK = -20; PRINT "NEW DESIGN
966 GOSUB 6; GOSUB 6
970 G = (RND(7) + 12) * 100
990 GOTO C

1300 W = 0; CLR; BC = 149; GOSUB 8
1306 X = RND(68) + 10; Y = RND(107) + 32; GOSUB 8
1310 LINE -X, -Y, P; LINE X, -Y, Z
1312 GOSUB 6
1320 B = RND(4); Z = RND(3)
1330 FOR A = -X TO X STEP B
1340 LINE 0, Y, 0; LINE A, -Y, Z
1350 NEXT A; GOSUB 6; GOSUB 6
1360 V = RND(2) + 3
1370 W = W + 1; IF W = V GOSUB 7; GOTO 960
1380 IF TR(2) GOTO 960
1390 GOTO 1306

* = TIMES OR
MULTIPLY.

1400 EC = RND(33) * 8; BC = RND(33) * 8 + RND(3) + 2; CLR; U = 1
1404 A = RND(6); Z = RND(3)
1406 S = RND(74) + 4; T = RND(40) + 4
1408 IF U = 9 S = 78; T = 44
1410 FOR Y = T TO -T STEP -A
1412 LINE 0, 0, 0; LINE 30, Y, Z
1414 NEXT Y
1420 FOR X = -S TO S STEP A
1422 LINE 0, 0, 0; LINE X, -T, Z
1424 NEXT X
1430 FOR Y = -T TO T STEP A
1432 LINE 0, 0, 0; LINE -30, Y, Z
1434 NEXT Y
1440 FOR X = S TO -S STEP -A
1442 LINE 0, 0, 0; LINE X, T, Z
1444 NEXT X; IF TR(2) GOTO 960
1446 IF U = 9 GOTO 910
1450 GOSUB 7; GOTO 1400

OVER

```

1500 CLR; BC=8; FC=150; T=φ
1510 X=RND(68)+2; Y=RND(40)+2
1520 B=RND(4); Z=3; C=RND(25)+5
1530 FOR A=Y TO -Y STEP -B
1540 LINE C, φ, φ; LINE -X, A, Z
1542 LINE -C, φ, φ; LINE X, A, Z
1544 FOR W=1 TO 100; NEXT W
1570 IF TR(2) GOTO 960
1574 NEXT A
1580 FC=RND(33)*8; BC=RND(33)*8+RND(3)+2
1586 T=T+1; GOSUB 6; IF T>4 T=φ; GOTO 1500
1590 GOTO 1570

1600 CLR; GOSUB 5
1610 X=RND(140)-70; Y=44; Z=RND(3)
1620 IF Y<φ X=X-1; GOTO 1640
1630 X=X+1
1640 Y=Y-1
1650 LINE -X, φ, φ; LINE X, Y, Z
1670 IF TR(2) GOTO 960
1680 IF Y=-45 FOR S=1 TO 300; NEXT S; GOTO 1600
1690 GOTO 1620

1700 CLR; GOSUB 5
1710 X=RND(140)-70; Y=44; Z=RND(3)
1720 IF Y<φ X=X-1; GOTO 1740
1730 X=X+1
1740 Y=Y-1
1750 LINE -X, φ, φ; LINE X, Y, Z; LINE X, φ, φ; LINE -X, Y, Z
1764 IF TR(2) GOTO 960
1770 IF Y=-80 GOSUB 7; GOTO 1700
1780 GOTO 1720

1800 CLR
1802 GOSUB 5
1804 A=RND(6); Z=3
1810 FOR Y=40 TO -40 STEP -A
1812 LINE φ, φ, φ; LINE -78, Y, Z
1814 NEXT Y
1820 FOR X=-78 TO 78 STEP A
1822 LINE φ, φ, φ; LINE X, -40, Z
1824 NEXT X
1828 IF TR(2) GOTO 960
1830 FOR Y=-40 TO 40 STEP A
1832 LINE φ, φ, φ; LINE 78, Y, Z
1834 NEXT Y
1840 FOR X=78 TO -78 STEP -A
1844 NEXT X
1850 Z=RND(7); IF Z=4 GOTO 1850
1860 GOSUB 7; GOTO 1802

```

```

1900 CLR; A=0; BC=0; FC=68;
FA=FC; FB=FC

```

```

1910 X=RND(30)*RND(2); Y=RND(20)*
RND(2); Z=RND(3)
1920 LINE X, φ, φ; LINE X, Y, Z; LINE φ, Y, Z;
LINE φ, φ, Z
1930 LINE -X, φ, Z; LINE -X, Y, Z;
LINE φ, Y, Z; LINE φ, φ, Z
1940 LINE -X, φ, Z; LINE -X, -Y, Z;
LINE φ, -Y, Z; LINE φ, φ, Z
1950 LINE X, φ, Z; LINE X, -Y, Z;
LINE φ, -Y, Z; LINE φ, φ, Z
1960 IF TR(2) GOTO 960
1970 GOTO 1910

```

S. Kendall
4/83